

LOW SPIN GOLF BALL UTILIZING PERIMETER WEIGHTING

Abstract

The present invention is directed to a golf ball comprising a soft core and a hard cover to produce a resulting golf ball having a reduced spin rate. In this regard, a core is provided and metal particles, or other
5 heavy weight filler materials, are included in the cover compositions. This results in a golf ball exhibiting enhanced perimeter weighting. Preferably, the particles are included in a relatively thick inner cover layer (or mantle) of a solid, three-piece multi-layered golf ball.
10 In another preferred version, one or more patterns of weighting material are incorporated in the ball, and most preferably along the outer periphery of the ball so that the pattern is visible along the ball's exterior. The size and weight of the core is reduced in order to produce an
15 overall golf ball which meets, or is less than, the 1.62 ounce maximum weight limitation specified by the United States Golf Association. It has been found that the present invention produces a golf ball with an increased moment of inertia and/or a greater radius of gyration and
20 thus generates lower spin. The golf ball of the present invention may also utilize an enlarged diameter which serves to further reduce spin rate. The resulting golf ball exhibits properties of reduced spin without sacrificing durability, playability and resilience.